

GAVIN J WHITE

SOFTWARE DEVELOPER

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NJ 08648

[LinkedIn](#)

[Portfolio](#)

TECHNICAL SKILLS

Languages: C, C#, CSS, HTML, Java, JavaScript, PowerShell, Python, SQL, Swift, TypeScript

Frameworks: Flask, JUnit, React, Node.js, Unity

Databases: Azure Table Storage, Firebase, FileMaker, MySQL

Tools/Platforms: Azure Function App, Azure Static Web App, Git, IntelliJ, MATLAB, PowerShell Studio, VS Code

Methodologies: Agile (Scrum), CI/CD Pipelines, Database Management, Jira, Wireframing

PROJECTS

Course Planner | Java, JavaFX, MySQL

Clickomania AI | Python

Income Prediction Model | Python, Scikit-learn

Banish Forest | Unity, C#

CAPSTONE PROJECT

FreshStart is a web-based application designed to assist faculty advisors at Grove City College in reviewing and verifying incoming freshmen course schedules. FreshStart automatically analyzes each student's schedule to identify common issues; missing prerequisites, unbalanced workloads, or unmet core requirements using a Python/Flask backend with a Typescript/Node.js frontend.

PROFILE

Passionate and solutions-driven computer science graduate with a strong work ethic and cognitive abilities, seeking a role in software development. Committed to solving complex challenges and contributing to impactful, innovative projects while continuously expanding expertise.

WORK EXPERIENCE

MainFrameIT, LLC, Princeton, NJ

2020 - PRESENT

Junior Engineer, part time remote

- Built new client on-boarding PowerShell scripts in Visual Studio Code to automate creation of service account, app, file system, security groups framework in Entra, and in Exchange Online; Dynamic and regular distribution groups, Connectors and Transport Rules.
- Automated the injection of MainFrameIT's Conditional Access design in client's Entra tenants for Identity and Access Management, enhancing security and compliance
- Contributed to MainFrameIT Entra's provisioning platform by testing Microsoft Graph API queries with PowerShell in advance of REST query integration into platform.
- Collaborated with Senior Developer to create a Windows app using Powershell Studio to empower end-users working in locked down desktop with standard problems such as killing/resetting apps, installing printers, self-diagnosing network issues, assessing Wi-Fi health, and more.
- Developed Azure Static Web App with Azure Function App back-end and databases to make IT data like apps, groups, file share ACLs visible in client documentation portal.

Math Tutor, Freelance

2018 - PRESENT

Specializing in Pre-Algebra, Algebra & Calculus for grades 4th- college level

- Provided one-on-one remote tutoring sessions, tailoring instruction to meet the specific needs of each student while promoting independent learning skills.

Teachers Assistant, Grove City College, Grove City, PA

2024 - 2025

Operating Systems Course

- Graded assignments and tests, providing constructive feedback to students based on results.

Black Rocket Production, LLC, Freehold, NJ

2023

Summer Camp Coding Counselor

- Guided students ages 8-12 through game modification software, video effects, and editing using Roblox Studio, McCreator, and Hitfilm, resulting in enhanced student engagement and improved technical skills

CERTIFICATIONS

- Cetriport Microsoft Excel Specialist (Microsoft 365 Apps and Office 2019) April 2024
- FreeCodeCamp Responsive Web Design August 2025

EDUCATION

Grove City College (ABET ACCREDITED)

2021 - 2025

Bachelor of Science

Computer Science, Minor in Cybersecurity